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# RACE THE EDGE

KTM 690 SMC R

CENTRAL FLORIDA  
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*RACE THE EDGE* **KTM 690 SMC R**







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*RACE THE EDGE* **KTM 690 SMC R**







### ***KTM 690 SMC R***

The brand-new KTM 690 SMC R raises the bar for street rebels. The sharpened chassis is boosted by the latest evolution of the LC4 motor and a revised electronics package, so whether you express your asphalt-sliding talent on mountain roads or on the track, you'll be drifting into the future with a maxed-out grin and your veins coursing with adrenaline.

# AMPLIFIED PRECISION

## ENGINE

Supermoto demands raw, pure and uncompromised performance. The KTM 690 SMC R's carefully selected assortment of rider aids lets you take your riding to new limits. Lean-angle sensors add a new level of precision to both the Motorcycle Traction Control (MTC) and innovative ABS features, while a slipper clutch and Quickshifter+ put elevated performance and control at your fingertips.



## RIDE MODES

The two ride modes can be easily switched over from the handlebar Mode Switch, which makes adjusting the character of the engine possible on the fly. STREET mode offers full traction control, linear throttle response and anti-wheelie for smooth street riding in all conditions. SPORT mode provides a more aggressive throttle response with reduced traction control to allow wheelies, drifts and full control of slides.

## ADVANCED ABS FEATURES

KTM's cornering ABS system takes the bike's lean angle into account, which lets riders use the full power of their brakes at all times. The optional SUPERMOTO ABS setting allows rear wheel lockup with reduced ABS on the front wheel for the street rebels who like to have more control over the motorcycle when pushing the limit through turns. For hardcore track action, riders can completely disengage ABS with ease.





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# ***SUPREME SUPERMOTO PERFORMANCE***

## ***KTM 690 SMC R***

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***NEW STYLING/DESIGN***

The all-new design of the 690 SMC R is inspired by KTM's winning genes. It's sharper, slimmer and oozes performance – you know it's **READY TO RACE.**







### ***WP APEX SUSPENSION***

Maximum supermoto control is enhanced by the advanced WP APEX front fork and rear shock. Multiple adjustment settings enable a rider to perfectly set up the suspension.

### ***BREMBO BRAKES***

Supreme class-leading BREMBO brakes combine with floating discs (320 mm diameter front and 240 mm rear) for the potent combination of stopping power and consistent brake feel needed for supermoto's extreme demands.



Selection of KTM PowerParts available for this bike:

**AKRAPOVIČ "SLIP-ON LINE"**

**HANDLEBAR**

**FACTORY ADJUSTER WHEEL SET**

**SUPERSPROX STEALTH REAR SPROCKET**

**ERGO SEAT**



# ELEVATE YOUR RIDE

KTM PowerParts allow you to intensify the performance, look and feel of your ride. Make aesthetic changes to better reflect your personal attitude. Fine-tune the function to your needs, and adjust the performance to perfectly match your individual riding style. No matter where it is that you ride or how you intend to dominate the tarmac, KTM PowerParts have you covered!



## HEATED GRIP KIT

Warm hands, regardless of the weather. Grip temperature adjustable in 4 levels.



## FOOTPEG SET

Developed and used by our multiple Dakar winners, fatigue-free riding is possible thanks to enlarged tread surface.



## SKID PLATE

Made of high-strength aluminum, effective protection for frame and engine.



## ERGO SEAT

The foam core ensures long-lasting comfort, and optimized weight distribution.



## GPS BRACKET

Suitable for all Garmin / TomTom GPS devices, the KTM GPS / PDA bag and the Touratech iBracket.



## DONGLE

The ABS dongle enables additional features in the ABS control unit and the ECU: ABS MODE 1 and ABS MODE 2.



### **MOTO 9-FLEX HELMET**

Premium race proven helmet.  
Exclusively for KTM by BELL.



### **HUSTLE GOGGLES**

Advanced performance MX Goggles.  
Made exclusively for KTM by Scott.



### **RSX GLOVE**

Top-quality leather motorcycle racing gloves. Made with kangaroo leather.



### **RSX SUIT**

Perforated leather racing suit with aerodynamic hump. Available in kangaroo leather.



### **RSX JACKET**

Leather racing jacket specially styled for optimum fit while in riding position.



### **RSX PANTS**

Leather racing pants with customizing option. Available in kangaroo leather.





KTM Powerwear shown here:

***RSX JACKET***

***RSX PANTS***

***RSX GLOVE***

## TECHNICAL DATA



### KTM 690 SMC R

#### ENGINE

ENGINE TYPE	Single cylinder, 4-stroke
DISPLACEMENT	690 cc
BORE / STROKE	105 / 80 mm
COMPRESSION RATIO	12.7:1
ENGINE OIL	Motorex, Power Synth SAE 10W-50
CLUTCH	PASC slipper clutch, hydraulically operated
ENGINE MANAGEMENT / IGNITION	Keihin EMS with RBW, double ignition
TRACTION CONTROL	MTC (2-mode, disengageable)

#### CHASSIS

FRAME	Chromium-Molybdenum-Steel trellis frame, powder coated
SUBFRAME	Self-supporting plastic tank
FRONT SUSPENSION	WP APEX USD Ø 48 mm
REAR SUSPENSION	WP APEX Monoshock with Pro-Lever linkage
SUSPENSION TRAVEL FRONT / REAR	215 / 240 mm
FRONT BRAKE	Brembo four piston, radially mounted caliper, brake disc Ø 320 mm
REAR BRAKE	Brembo single piston floating caliper, brake disc Ø 240 mm
ABS	Bosch 9.1 MP (incl. Cornering-ABS and optional Supermoto mode, disengageable)
WHEELS FRONT / REAR	Spoked wheels with aluminum tubeless rims 3.50 x 17"; 5.00 x 17"
TIRES FRONT / REAR	120/70 ZR 17; 160/60 ZR 17
STEERING HEAD ANGLE	26.4°
TRAIL	107.7 mm
WHEEL BASE	1,470 mm
GROUND CLEARANCE	238 mm / 9.4 in
SEAT HEIGHT	890 mm / 35 in
TANK CAPACITY	approx. 13.5 L / 3.6 gal
DRY WEIGHT	approx. 147 kg / 324 lbs







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#### LEGAL DISCLAIMER

DO NOT attempt to imitate the illustrated riding scenes. The riders illustrated are professional motorcycle riders. The photos were taken on closed racing circuits or closed roads. KTM warns all motorcyclists to wear protective safety gear and always ride in a responsible manner. Always obey relevant and applicable provisions of road traffic regulations.

Only the homologated versions of the motorcycles promoted in this brochure are suitable for road use. The "warnings and hazard" notices in the owner's manual must be read and obeyed when purchasing a motorcycle and using it for the first time. Some items in the KTM PowerParts product line are not approved for use on public roads in certain circumstances (varies from country to country). Please contact your authorized KTM dealer for further information. The illustrated vehicles may vary in selected features and details from the production models and some illustrations feature optional equipment available at additional cost. All information concerning the scope of supply, appearance, services, dimensions, and weights is non-binding and specified with the condition that mistakes, printing, setting, and typing errors may occur; such information is subject to change without notice. European specification models shown for illustration purposes only. Some accessories and apparel shown may not be available in North America.



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**KTM POWERWEAR**

**KTM POWERPARTS**



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